

MATERIAL SAFETY DATA SHEET		
I. GENERAL INFORMATION		
ENFORCER PRODUCTS, INC. P. O. BOX 1060 CARTERSVILLE, GA. 30120	MANUFACTURER'S PHONE NUMBER: (770) 386-0801 24 HOUR EMERGENCY NUMBER: 1-800-255-3924	HAZARD RATINGS: HEALTH_1_ REACTIVITY_0_ FLAMMABILITY_0_ PERSONAL PROTECTION_1_
PRODUCT NAME: ENFORCER FLEA SPRAY FOR HOMES XX		EPA REG. NO.: 40849-53
PREPARED BY: TRESSIE DEMPSEY		DATE: OCTOBER 12, 1995

II. INGREDIENTS						
PRINCIPAL COMPONENTS	CAS NUMBER	PERCENT	OSHA PEL	ACGIH TLV	OTHER	HAZARD
PERMETHRIN 80% CONCENTRATE	52645-53-1	< 1.00%	N/A	NA/	N/A	N/A
NYLAR 50% CONCENTRATE	95737-68-1	< 0.05%	N/A	N/A	N/A	N/A
DIPROPYLENE GLYCOL METHYL ETHER	34590-94-8	< 0.05%	N/A	N/A	N/A	N/A

III. PHYSICAL DATA		
BOILING POINT: 190°F	SPECIFIC GRAVITY: 0.9911	VAPOR PRESSURE (mm Hg.): NOT KNOWN
PERCENT VOLATILE BY VOLUME: 98%	VAPOR DENSITY: N/A	EVAPORATION RATE (Butyl Acetate – 1): LIKE WATER
SOLUBILITY IN WATER: COMPLETE	APPEARANCE & ODOR: TRANSLUCENT OF WHITISH OPAQUE MOBILE LIQUID.	

IV. FIRE & EXPLOSION DATA		
FLASHPOINT (Method used): > 200°F	AUTOIGNITION TEMPERATLURE: N/A	FLAMMABLE LIMITS: N/A
LEL: N/A	UEL: N/A	EXTINGUISHING MEDIA: WATER, CO2, DRY CHEMICAL, FOAM
SPECIAL FIRE FIGHTING PROCEDURES:	WEAR PROTECTIVE CLOTHING AND GEAR. DO NOT ALLOW PRODUCT OR FIRE WATER TO ENTER DRAINAGE SYSTEMS OR WATERWAYS.	
UNUSUAL FIRE & EXPLOSION HAZARDS:	HAZARDOUS DECOMPOSITIONS PRODUCTS.	

V. REACTIVITY HAZARD DATA	
STABILITY: <input checked="" type="checkbox"/> STABLE <input type="checkbox"/> UNSTABLE	CONDITIONS TO AVOID: STRONG ALKALIES.
INCOMPATABILITY (Materials to avoid):	STRONG ACIDS AND ALKALIES, STRONG OXIDIZERS.
HAZARDOUS POLYMERIZATION:	WILL OCCUR <input checked="" type="checkbox"/> WILL NOT OCCUR
HAZARDOUS DECOMPOSITION PRODUCTS:	NITROGEN OXIDES, ISOBUTYLENE GASES, IETHYL CO, CO2.

VI. HEALTH HAZARD DATA				
PRIMARY ROUTES OF ENTRY: INHALATION <input checked="" type="checkbox"/> INGESTION <input checked="" type="checkbox"/> SKIN ABSORPTION <input checked="" type="checkbox"/> EYE <input checked="" type="checkbox"/> NOT HAZARDOUS <input type="checkbox"/>				
ACUTE EFFECTS OF OVEREXPOSURE:				
INGESTION:	SYMPTOMS OF INTOXICATION TO SYNTHETIC PYRETHRINS ARE: HYPERSENSITIVITY, TREMORS, DIARRHEA. INTOXICATION TO SOLVENTS INCLUDE: DIZZINESS, HEADACHE, NAUSEA, G.I. TRACT IRRITATION, CARDIAC ARRHYTHMIA AND NARCOSIS.			
SKIN CONTACT:	IRRITATING.			
INHALATION:	DIZZINESS, HEADACHE AND NAUSEA.			
EYE CONTACT:	IRRITATING. IT IRRITATIONS PERSIST, SEEK MEDICAL ATTENTION.			
OTHER SIGNS AND SYMPTOMS OF EXPOSURE:	ACUTE ORAL LD50 (RAT)	> 5100 MG/KG	DERMAL IRRITATION (RABBIT)	MILD
	ACUTE DERMAL LD50 (RABBIT)	> 2100 MG/KG	EYE IRRITATION (RABBIT)	MINIMAL
			DERMAL SENSITIZATION	NEGATIVE
CHRONIC EFFECTS OF OVEREXPOSURE: NOT KNOWN				
CARCINOGENICITY:	NTP? NO	IARC? NO	OSHA REGULATED ? NO	
MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:		NONE KNOWN.		
EMERGENCY FIRST AID PROCEDURES:				
INGESTION:	DO NOT INDUCE VOMITING. CALL A PHYSICIAN.			
SKIN CONTACT:	WASH SKIN WITH SOAP AND WATER.			
INHALATION:	REMOVE VICTIM TO FRESH AIR. APPLY ARTIFICIAL RESPIRATION IF INDICATED.			
EYE CONTACT:	FLUSH WITH WATER. IF IRRITATION PERSISTS, GET MEDICAL ATTENTION.			

VII. CONTROL AND PROTECTIVE MEASURES	
EYE PROTECTION:	NONE WITH NORMAL USE. WEAR SAFETY GLASSES WITH SIDE SHIELDS OR GOGGLES WITH LARGE QUANTITIES OR SPILLS.
RESPIRATORY PROTECTION (specify):	NONE WITH ORDINARY USE. IF PROLONGED EXPOSURE, WEAR A OSHA/NIOSH APPROVED PESTICIDE RESPIRATOR.
SKIN PROTECTION:	NONE WITH ORDINARY USE. IF HANDLING SPILL, WEAR IMPERVIOUS GLOVES.
VENTILATION:	NONE OTHER THAN NORMAL WITH ORDINARY USE.
OTHER PROTECTION:	TO AVOID CONTACT WITH SKIN, WEAR PROTECTIVE CLOTHING WHILE WORKING WITH SPILL CLEANUPS.

VIII. SPECIAL PRECAUTIONS	
HANDLING AND STORING PROCEDURES:	STORE IN ORIGINAL CONTAINER AWAY FROM CHILDREN. PROTECT FROM FREEZING OR HIGH TEMPERATURES. HARMFUL IF SWALLOWED OR ABSORBED THROUGH SKIN. AVOID BREATHING SPRAY. AVOID CONTACT WITH SKIN, EYES OR CLOTHING.
RELEASE OR SPILL PROCEDURES:	ABSORB SPILLS WITH INERT CLAY OR OTHER ABSORBENT. AVOID CONTACT WITH MATERIAL. PLACE ALL WASTES IN CONTAINER THAT CAN BE EFFECTIVELY SEALED.
WASTE DISPOSAL METHOD:	DO NOT REUSE EMPTY CONTAINER. IF HOUSEHOLD WASTE, WRAP AND PUT IN TRASH. ALL OTHER QUANTITIES SHOULD BE DISPOSED OF IN AN APPROVED LANDFILL OR BY PROPER INCINERATION.
OTHER PRECAUTIONS:	KEEP THIS AND ALL CHEMICALS OUT OF REACH OF CHILDREN AND PETS.

IX. ADDITIONAL INFORMATION	
PROPER DOT SHIPPING NAME:	NOT REGULATED
BIODEGRADABILITY:	NOT BIODEGRADABLE
EMPTY CONTAINER HANDLING:	WARNING! EMPTIED CONTAINER RETAINS PRODUCT RESIDUE. OBSERVE ALL PRECAUTIONS EVEN AFTER CONTAINER IS EMPTIED. KEEP EMPTIED CONTAINER CLOSED TIGHTLY.
THIS INFORMATION COMPLIES WITH OSHA HAZARD COMMUNICATION STANDARD 29 CFR 1910.1200.	